collecting the core sample. If a sample could not be retained on the first attempt, a second sampling location was attempted approximately 5 to 10 feet in a random direction from the original location.

3.5 Post-Dredge PCB Results

Post-dredge PCB sediment results for the 2005 project are provided in this section of the report. The PCB data are presented as sub-area surface concentrations, averaged over the 2005 dredge prism areas. Data of this type are also referred to as Average Residual Concentrations. The Average Residual Concentrations are presented only for the 2005 dredge prism, 1.0 ppm PCB, area of a sub-area. Sub-areas contain regions which are less than 1.0 ppm PCBs. Including these lower PCB concentration regions would lower the Average Residual Concentrations.

3.5.1 Summary of PCB Data

Using the sampling procedures and processing techniques described in the previous sections, post-dredge sediment PCB data were obtained from Sub-areas A, C/D2S and POG1. A total of 133 primary and 429 secondary core samples were obtained in 2005.

Table 3-9 presents the PCB mass and Average Residual Concentrations results for 2005 dredging by sub-areas:

Table 3-9
2005 Post Dredge Results

Sub-area [a]	Metric	Pre-Dredge	Post-Dredge	Percent Reduction
A	PCB Mass (Kg)	205.5	26.6	87%
	PCB Average Residual Concentrations (ppm)	13.3	2.8	79%
C/D2S	PCB Mass (Kg)	24.1	1.1	95%
	PCB Average Residual Concentrations (ppm)	7.6	1.0	87%
POG1	PCB Mass (Kg)	36.2	1.3	96%
	PCB Average Residual Concentrations (ppm)	13.7	1.8	87%

[a] The PCB concentrations and mass are for the area in the dredge prisms only, not for the entire sub-area.

Overall in the sub-areas targeted for dredging in 2005, the PCB mass reduction ranged from 87% to 96% and the PCB surface concentration/Average Residual Concentrations reduction ranged from 79% to 87%.

Post-dredge PCB sample results for Sub-area A, Sub-area C/D2S and POG1 are illustrated in Figures 3-21, 3-22, and 3-23, respectively. Primary sample results are denoted with a triangle, while secondary sample results are denoted with a circle. Consistent with the Average Residual Concentrations, results show post-dredge conditions at or near 1.0 ppm PCBs, the majority of the 2005 dredge regions are at or below 1.0 ppm PCBs. Select areas in